

CONTRACT: DA00386 WBS ELEMENT: 2018CPT.01.16.20212.1, ETC.

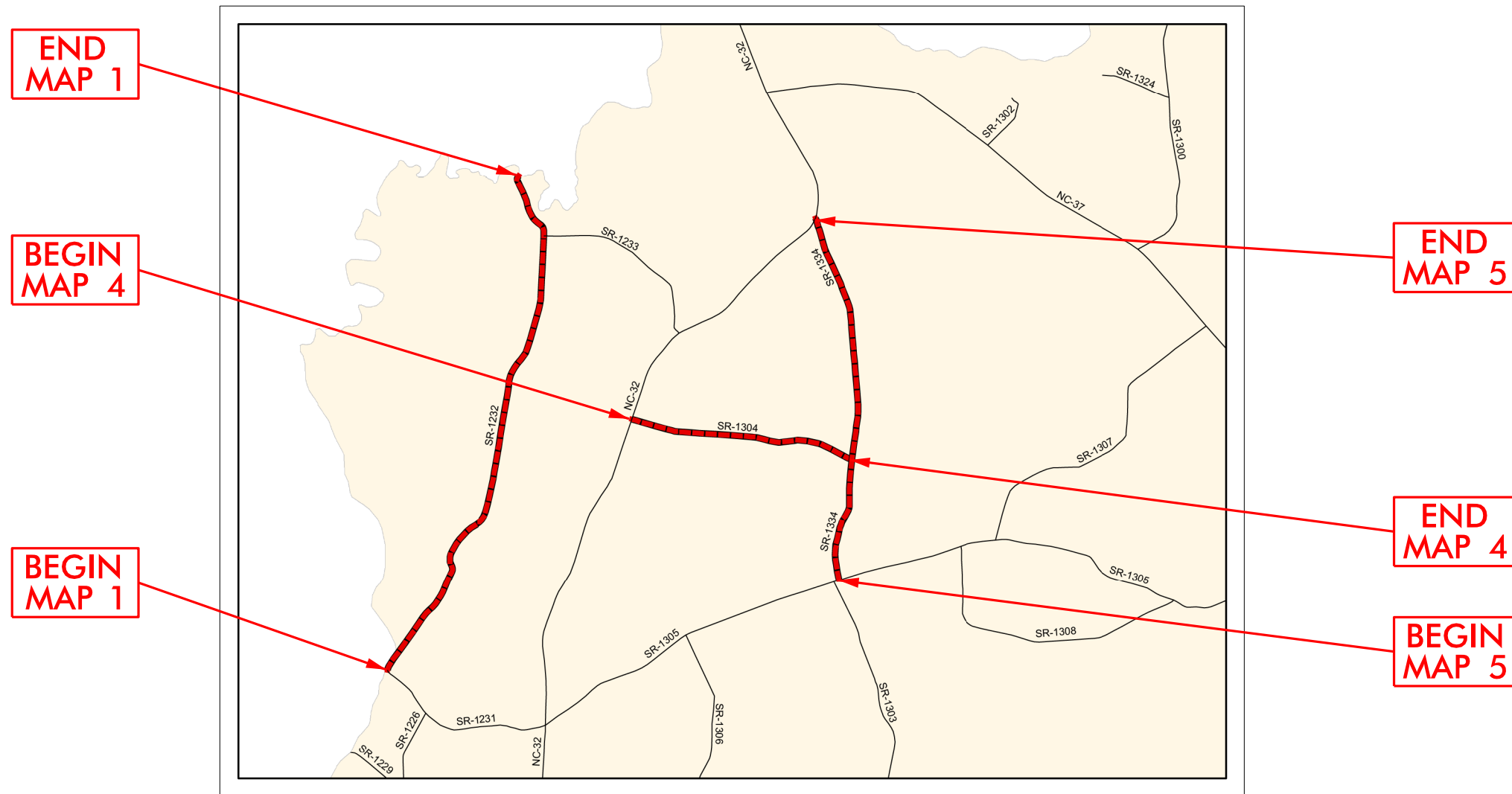
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CHOWAN COUNTY

LOCATION: MAP 1 - SR 1232 - FROM SR 1231 TO GATES CO.
 MAP 4 - SR 1304 - FROM NC 32 TO SR 1334
 MAP 5 - SR 1334 - FROM SR 1305 TO NC 32

TYPE OF WORK: ASPHALT SURFACE TREATMENT, DOUBLE SEAL

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2018CPT.01.16.20212.1, ETC.	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
2018CPT.01.16.20212.1		MAP 1	
2018CPT.01.16.20212.1		MAP 4	
2018CPT.01.16.20212.1		MAP 5	



NOT TO SCALE

PROJECT LENGTH

LENGTH OF MAP 1 = 3.34 MI.
 LENGTH OF MAP 4 = 1.38 MI.
 LENGTH OF MAP 5 = 2.30 MI.

Prepared in the Office of:

DIVISION OF HIGHWAYS

113 Airport Dr., Edenton NC, 27932

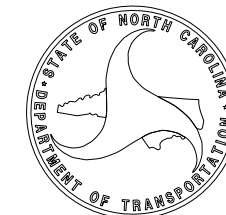
2018 STANDARD SPECIFICATIONS

LETTING DATE:

W.B. HOBBS, P.E.
DIVISION PROJECT MANAGER

C.E. SLACHTA
DIVISION PROPOSALS ENGINEER

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA



CONTRACT: DA00386 WBS ELEMENT: 2018CPT.01.16.20212.1, ETC.

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

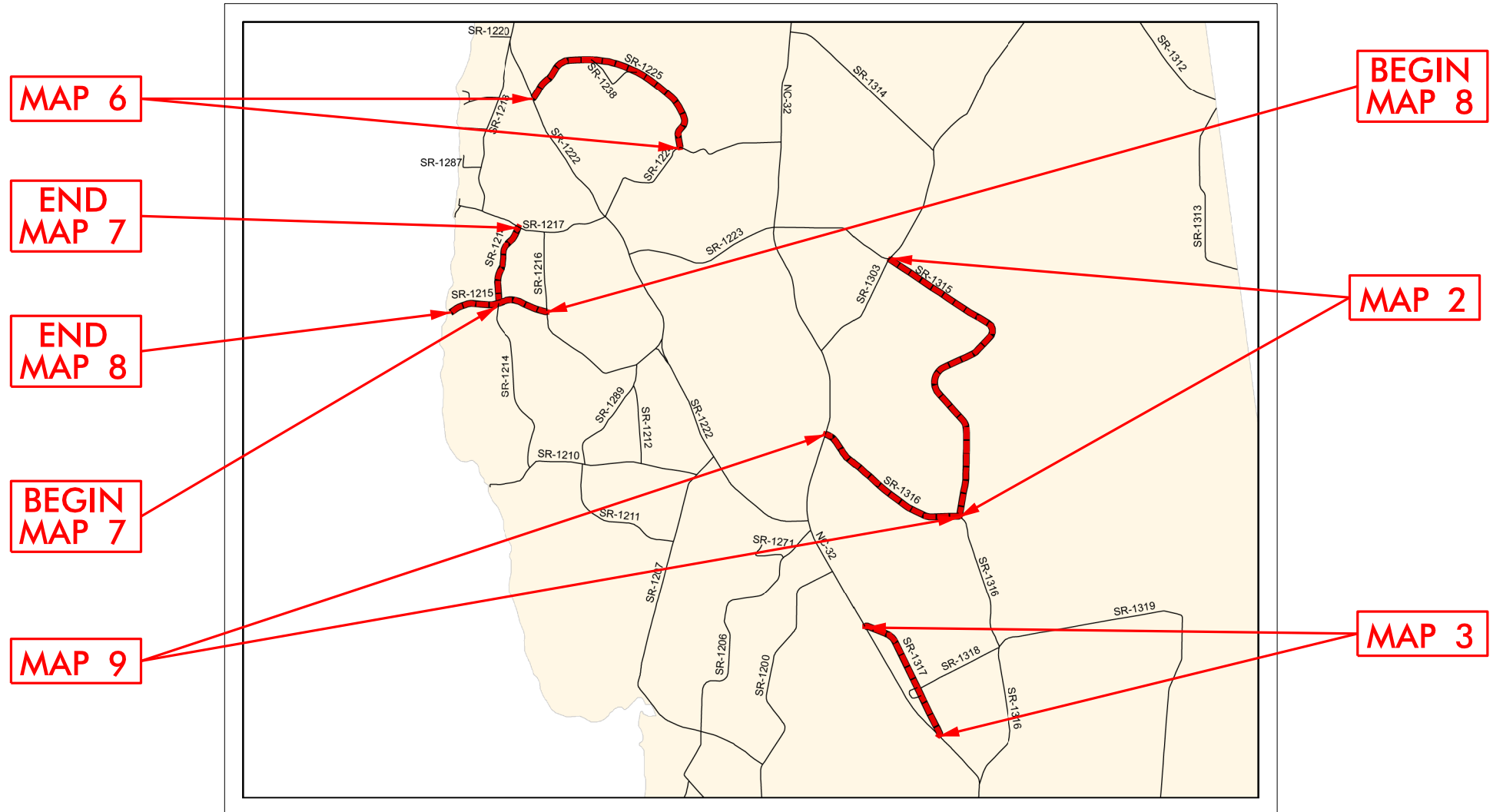
CHOWAN COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2018CPT.01.16.20212.1, ETC.	2	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
2018CPT.01.16.20212.1		MAP 2	
2018CPT.01.16.20212.1		MAP 3	
2018CPT.01.16.20212.1		MAP 6	
2018CPT.01.16.20212.1		MAP 7	
2018CPT.01.16.20212.1		MAP 8	
2018CPT.01.16.20212.1		MAP 9	

LOCATION: MAP 2 – SR 1315 – FROM SR 1303 TO SR 1316
 MAP 3 – SR 1317 – FROM NC 32 TO NC 32
 MAP 6 – SR 1225 – FROM SR 1222 TO SR 1224

MAP 7 – SR 1214 – FROM SR 1215 TO SR 1217
 MAP 8 – SR 1215 – FROM SR 1216 TO DEAD END
 MAP 9 – SR 1316 – FROM SR 1315 TO NC 32

TYPE OF WORK: ASPHALT SURFACE TREATMENT, DOUBLE SEAL



NOT TO SCALE

PROJECT LENGTH

LENGTH OF MAP 2 =	3.50 MI.
LENGTH OF MAP 3 =	1.37 MI.
LENGTH OF MAP 6 =	2.21 MI.
LENGTH OF MAP 7 =	0.90 MI.
LENGTH OF MAP 8 =	1.10 MI.
LENGTH OF MAP 9 =	1.63 MI.

Prepared in the Office of:
DIVISION OF HIGHWAYS
113 Airport Dr., Edenton NC, 27932

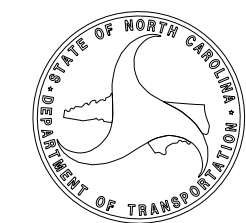
2018 STANDARD SPECIFICATIONS

LETTING DATE: _____

W.B. HOBBS, P.E.
DIVISION PROJECT MANAGER

C.E. SLACHTA
DIVISION PROPOSALS ENGINEER

**DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA**



CONTRACT: DA00386 WBS ELEMENT: 2018CPT.01.16.20212.1, ETC.

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

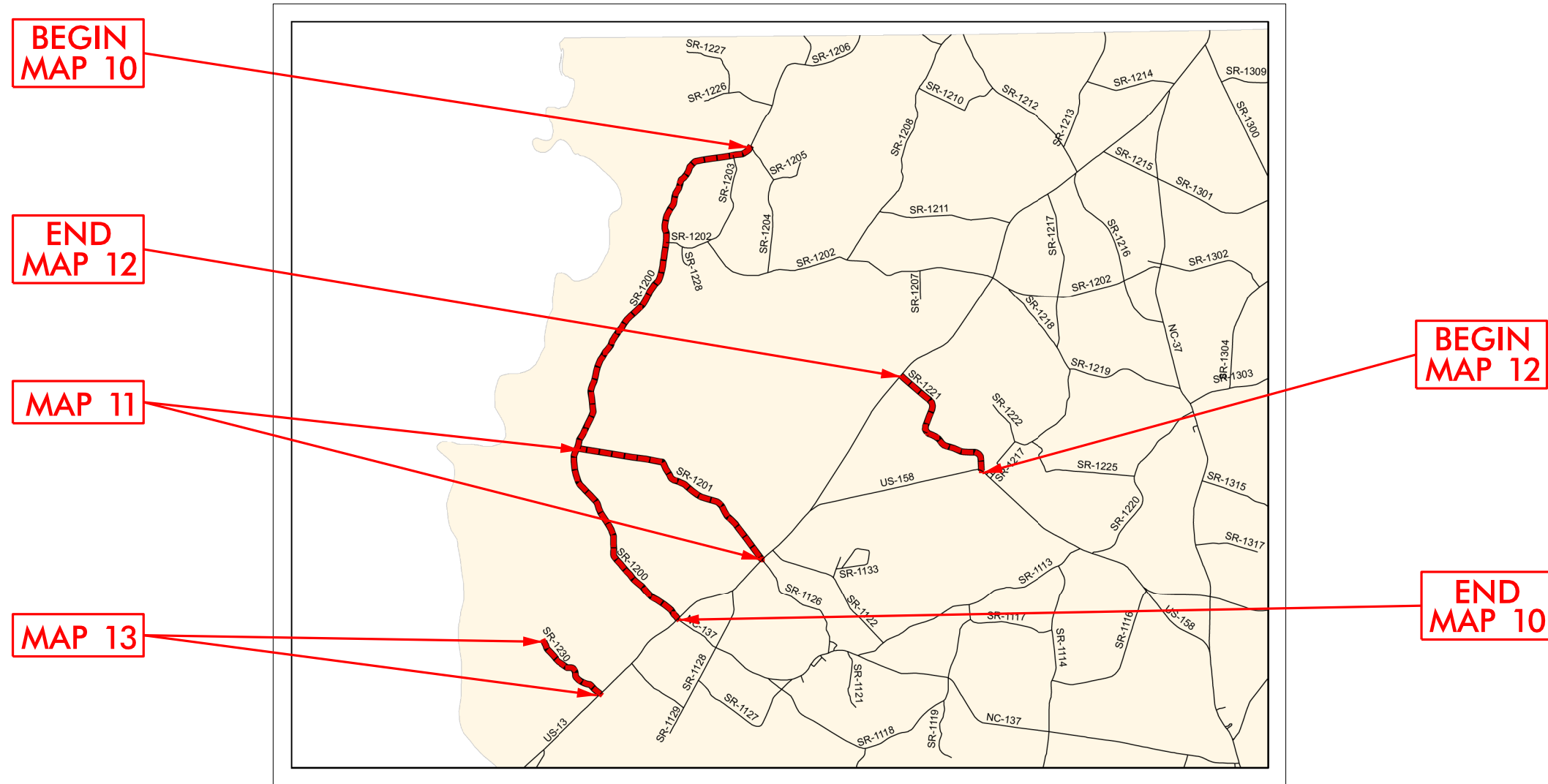
GATES COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2018CPT.01.16.20212.1, ETC.	3	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
2018CPT.01.16.20372.1		MAP 10	
2018CPT.01.16.20372.1		MAP 11	
2018CPT.01.16.20372.1		MAP 12	
2018CPT.01.16.20372.1		MAP 13	

LOCATION: MAP 10 – SR 1200 – FROM SR 1204 TO US 13
MAP 11 – SR 1201 – FROM SR 1200 TO US 13

MAP 12 – SR 1221 – FROM US 158 TO US 13
MAP 13 – SR 1230 – FROM DEAD END TO US 13

TYPE OF WORK: ASPHALT SURFACE TREATMENT, DOUBLE SEAL



NOT TO SCALE

PROJECT LENGTH

LENGTH OF MAP 10 = 8.22 MI.
LENGTH OF MAP 11 = 3.19 MI.
LENGTH OF MAP 12 = 2.04 MI.
LENGTH OF MAP 13 = 1.13 MI.

Prepared in the Office of:
DIVISION OF HIGHWAYS

113 Airport Dr., Edenton NC, 27932

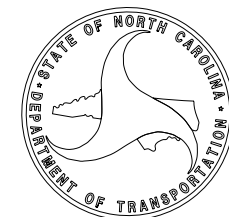
2018 STANDARD SPECIFICATIONS

LETTING DATE:

W.B. HOBBS, P.E.
DIVISION PROJECT MANAGER

C.E. SLACHTA
DIVISION PROPOSALS ENGINEER

**DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA**



CONTRACT: DA00386 WBS ELEMENT: 2018CPT.01.16.20212.1, ETC.

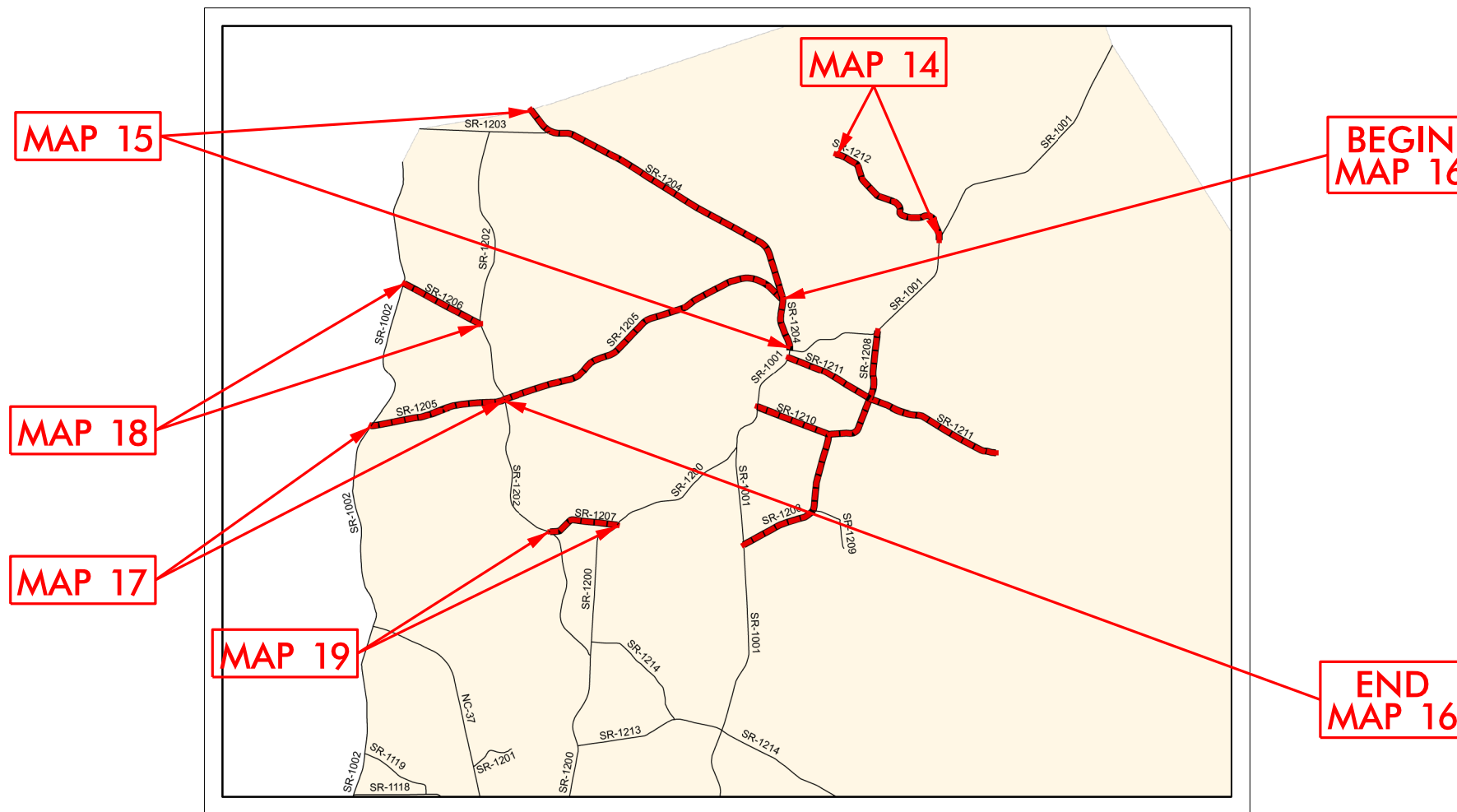
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PERQUIMANS COUNTY

LOCATION: MAP 14 – SR 1212 – FROM SR 1001 TO DEAD END
 MAP 15 – SR 1204 – FROM SR 1001 TO GATES CO.
 MAP 16 – SR 1205 – FROM SR 1204 TO SR 1202
 MAP 17 – SR 1205 – FROM SR 1202 TO SR 1002
 MAP 18 – SR 1206 – FROM SR 1202 TO SR 1002
 MAP 19 – SR 1207 – FROM SR 1202 TO SR 1200

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2018CPT.01.16.20212.1, ETC.	4	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
2018CPT.01.16.20722.1		MAP 14	
2018CPT.01.16.20722.1		MAP 15	
2018CPT.01.16.20722.1		MAP 16	
2018CPT.01.16.20722.1		MAP 17	
2018CPT.01.16.20722.1		MAP 18	
2018CPT.01.16.20722.1		MAP 19	

TYPE OF WORK: ASPHALT SURFACE TREATMENT, DOUBLE SEAL



NOT TO SCALE

PROJECT LENGTH

LENGTH OF MAP 14 = 1.40 MI.
 LENGTH OF MAP 15 = 3.40 MI.
 LENGTH OF MAP 16 = 2.80 MI.
 LENGTH OF MAP 17 = 1.20 MI.
 LENGTH OF MAP 18 = 0.80 MI.
 LENGTH OF MAP 19 = 0.60 MI.

Prepared in the Office of:
DIVISION OF HIGHWAYS
 113 Airport Dr., Edenton NC, 27932

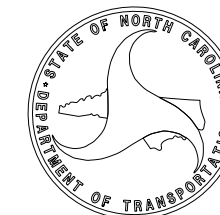
2018 STANDARD SPECIFICATIONS

LETTING DATE:

W.B. HOBBS, P.E.
 DIVISION PROJECT MANAGER

C.E. SLACHTA
 DIVISION PROPOSALS ENGINEER

**DIVISION OF HIGHWAYS
 STATE OF NORTH CAROLINA**



NOTES:

*ALL PAVED S.R. ROADS TO BE TREATED TO THE ENDS OF THE RADII.,
OR AS DIRECTED BY THE ENGINEER

*PAVEMENT MARKINGS TO BE PERFORMED BY OTHERS

*ASPHALT SURFACE TREATMENT, DOUBLE SEAL CONSISTS OF TWO LAYERS OF TREATMENT:

BOTTOM LAYER CONSISTS OF EMULSIFIED ASPHALT, GRADE CRS-2L AT A RATE OF APPROX
0.30 ± GAL/SY AND A LAYER OF 78M AGGREGATE AT A RATE OF APPROX. 18 ± LBS/SY.

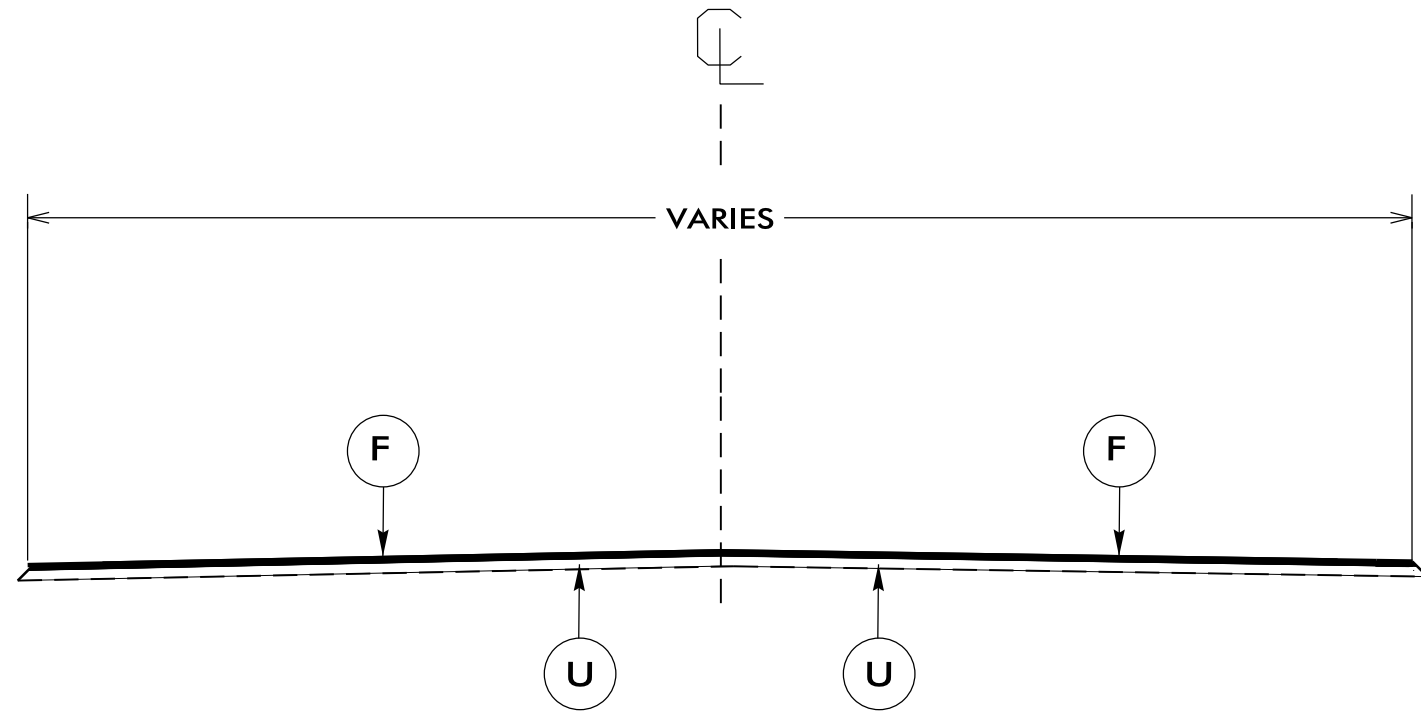
TOP LAYER CONSISTS OF EMULSIFIED ASPHALT, GRADE CRS-2L AT A RATE OF APPROX
0.25 ± GAL/SY AND A LAYER OF: 5/16" LIGHTWEIGHT AGGREGATE AT A RATE OF APPROX. 9± LBS/SY.

*ALL AGGREGATE MATERIAL IS TO BE PROVIDED BY THE DEPARTMENT

*CONTRACTOR SHALL BE RESPONSIBLE FOR LOADING, HAULING, & PLACING ALL AGGREGATE MATERIAL.

P A V E M E N T S C H E D U L E

F	PROP. ASPHALT SURFACE TREATMENT, DOUBLE SEAL, AT AN APPLICATION RATE TO BE DETERMINED BY FIELD CONDITIONS IN ACCORDANCE WITH PROJECT SPECIAL PROVISIONS (SEE NOTES)
U	EXISTING PAVEMENT.



TYPICAL SECTION NO. 1

USE WITH MAPS 1 - 24

16-FEB-2018 10:20 C:\Division Maintenance\ASST_Contracts 18-19\Chowan Gates Perquimans\Chowan Gates Perquimans.dgn

NTS

PROJECT NO.	SHEET NO.	TOTAL NO.
2018CPT.01.16.20212.1,ETC.	7	

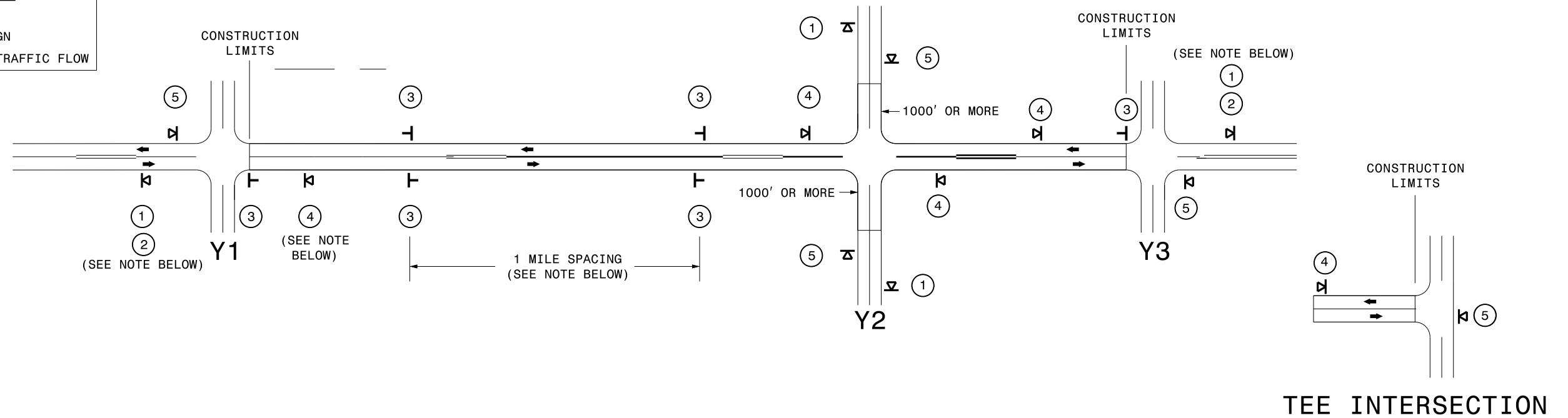
SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	MOBILIZATION	ASPHALT SURFACE TREATMENT, DOUBLE SEAL	EMULSION FOR ASPHALT SURFACE TREATMENT	TEMPORARY TRAFFIC CONTROL
										MI	FT	LS	SY	GAL	LS
2018CPT.01.16.20212.1	Chowan	1	SR1232 (CANNONS FERRY RD)	SR1231 TO GATES CO. LINE	1	2	2WU	NO	NO	3.34	18	1	35,270	19,399	1
2018CPT.01.16.20212.1	Chowan	2	SR1315 (GREENHALL RD)	SR1303 TO SR1316	1	2	2WU	NO	NO	3.5	18	*	36,960	20,328	*
2018CPT.01.16.20212.1	Chowan	3	SR1317 (BRAYHALL RD)	NC32 TO NC32	1	2	2WU	NO	NO	1.37	18	*	14,467	7,957	*
2018CPT.01.16.20212.1	Chowan	4	SR1304 (MEADOW RD)	NC32 TO SR1334	1	2	2WU	NO	NO	1.38	18	*	14,573	8,014	*
2018CPT.01.16.20212.1	Chowan	5	SR1334 (SIGN PINE RD)	SR1305 TO NC32	1	2	2WU	NO	NO	2.3	18	*	24,288	13,358	*
2018CPT.01.16.20212.1	Chowan	6	SR1225 (NIXON RD)	SR1222 TO SR1224	1	2	2WU	NO	NO	2.21	18	*	23,338	12,835	*
2018CPT.01.16.20212.1	Chowan	7	SR1214 (GUM POND)	SR1215 TO SR1217	1	2	2WU	NO	NO	0.9	18	*	9,504	5,227	*
2018CPT.01.16.20212.1	Chowan	8	SR1215 (WHITES LANDING RD)	SR1216 TO DEADEND	1	2	2WU	NO	NO	1.1	18	*	11,616	6,388	*
2018CPT.01.16.20212.1	Chowan	9	SR1316 (COFIELD RD)	SR1315 TO NC32	1	2	2WU	NO	NO	1.63	18	*	17,213	9,466	*
2018CPT.01.16.20372.1	Gates	10	SR1200 (SAND BANKS RD)	SR1204 TO US13	1	2	2WU	NO	NO	8.22	20	*	96,448	57,868	*
2018CPT.01.16.20372.1	Gates	11	SR1201 (TINKHAM RD)	SR1200 TO US13	1	2	2WU	NO	NO	3.19	20	*	37,429	22,457	*
2018CPT.01.16.20372.1	Gates	12	SR1221 (TUGGIE EURE RD)	US158 TO US13	1	2	2WU	NO	NO	2.04	20	*	23,936	14,362	*
2018CPT.01.16.20372.1	Gates	13	SR1230 (POWELL LANE)	DEAD END TO US13	1	2	2WU	NO	NO	1.13	20	*	13,259	7,955	*
2018CPT.01.14.20462.1	Perquimans	14	SR1212 (CRANEY ISLAND RD)	SR1001 TO DEADEND	1	2	2WU	NO	NO	1.4	20	*	16,427	9,034	*
2018CPT.01.14.20462.1	Perquimans	15	SR1204 (SHADYCROFT RD)	SR1001 TO GATES CO LINE	1	2	2WU	NO	NO	3.4	20	*	39,893	21,941	*
2018CPT.01.14.20462.1	Perquimans	16	SR1205 (HICKORY CROSS RD)	SR1204 TO SR1202	1	2	2WU	NO	NO	2.8	20	*	32,853	18,069	*
2018CPT.01.14.20462.1	Perquimans	17	SR1205 (HICKORY CROSS RD)	SR1202 TO SR1002	1	2	2WU	NO	NO	1.2	20	*	14,080	7,744	*
2018CPT.01.14.20462.1	Perquimans	18	SR1206 (WHITEHOUSE RD)	SR1202 TO SR1002	1	2	2WU	NO	NO	0.8	20	*	9,387	5,162	*
2018CPT.01.14.20462.1	Perquimans	19	SR1207 (RIDDICK GROVE RD)	SR1202 TO SR1200	1	2	2WU	NO	NO	0.6	20	*	7,040	3,872	*
2018CPT.01.14.20462.1	Perquimans	20	SR1208 (UP RIVER RD)	SR1001 TO SR1210	1	2	2WU	NO	NO	1.37	20	*	16,075	8,840	*
2018CPT.01.14.20462.1	Perquimans	21	SR1208 (UP RIVER RD)	SR1210 TO SR1001	1	2	2WU	NO	NO	1.15	20	*	13,493	7,421	*
2018CPT.01.14.20462.1	Perquimans	22	SR1210 (BALTIMORE RD)	SR1001 TO SR1208	1	2	2WU	NO	NO	0.7	20	*	8,213	4,517	*
2018CPT.01.14.20462.1	Perquimans	23	SR1211 (RIDGE RD)	SR1001 TO SR1208	1	2	2WU	NO	NO	0.8	20	*	9,387	5,162	*
2018CPT.01.14.20462.1	Perquimans	24	SR1211 (RIDGE RD)	SR1208 TO DEADEND	1	2	2WU	NO	NO	1.2	20	*	14,080	7,744	*
GRAND TOTAL										47.73		1	539,229	305,120	1

SIGNING FOR ASPHALT SURFACE TREATMENT

LEGEND

PORTABLE SIGN
 STATIONARY SIGN
 DIRECTION OF TRAFFIC FLOW



MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	<p>① W20-1 48" X 48"</p> <p>② W7-3aP 24" X 18"</p>	<p>- PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.</p> <p>- SIGN #2 ONLY USED WHEN RESURFACING LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO THE NEAREST WHOLE NUMBER. DO NOT USE FRACTIONAL OR DECIMAL NUMBERS.</p>	<p>STATIONARY SIGNING NOT REQUIRED FOR THE FOLLOWING -Y- LINE CONDITIONS:</p> <ol style="list-style-type: none"> 1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE 2) SUBDIVISION ROADS 3) DEAD END ROADS <p>WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, PORTABLE ADVANCE WARNING SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> W20-1 48" X 48" PLACED 500' IN ADVANCE OF FLAGGER. </div> <div style="text-align: center;"> W20-7 A 48" X 48" PLACED 250' IN ADVANCE OF FLAGGER. </div> </div>
	<p>③ W8-7 48" X 48"</p> <p> SP 48" X 48"</p>	<p>- ALTERNATE THE FOLLOWING TWO SIGNS:</p> <p>- STARTING WITH "LOOSE GRAVEL" (W8-7) FOLLOWED BY "UNMARKED PAVEMENT".</p> <p>- PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACED 1 MILE APART THEREAFTER.</p> <p>- AT TEE INTERSECTIONS INSTALL INITIALLY 0.5 MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER.</p>	
	<p>④ SP 13106 48" X 48"</p>	<p>- THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS. DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS.</p> <p>- INSTALL 500' +/- FROM EACH -Y- LINE APPROACH AS SHOWN ABOVE.</p> <p>- FOR MULTIPLE -Y- LINES THAT ARE SEPARATED BY 0.25 MILES OR LESS, TREAT AS A SINGLE UNIT AND INSTALL WITHIN 500' OF EACH APPROACH.</p> <p>- A MAXIMUM OF 2 SIGN SETS PER MILE. DO NOT INSTALL WHEN -Y- LINES ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN.</p>	
	<p>⑤ G20-2 A 48" X 24"</p>	<p>PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.</p>	
	<p>THE ABOVE SIGNS ARE ALL THAT ARE REQUIRED FOR A CONTRACTOR TO BEGIN A RESURFACING CONTRACT. ANY ADDITIONAL SIGNS REQUESTED BY NCDOT DIVISIONS SHALL BE INSTALLED WITHIN 7 BUSINESS DAYS OF THE START OF CONTRACT WORK.</p>		

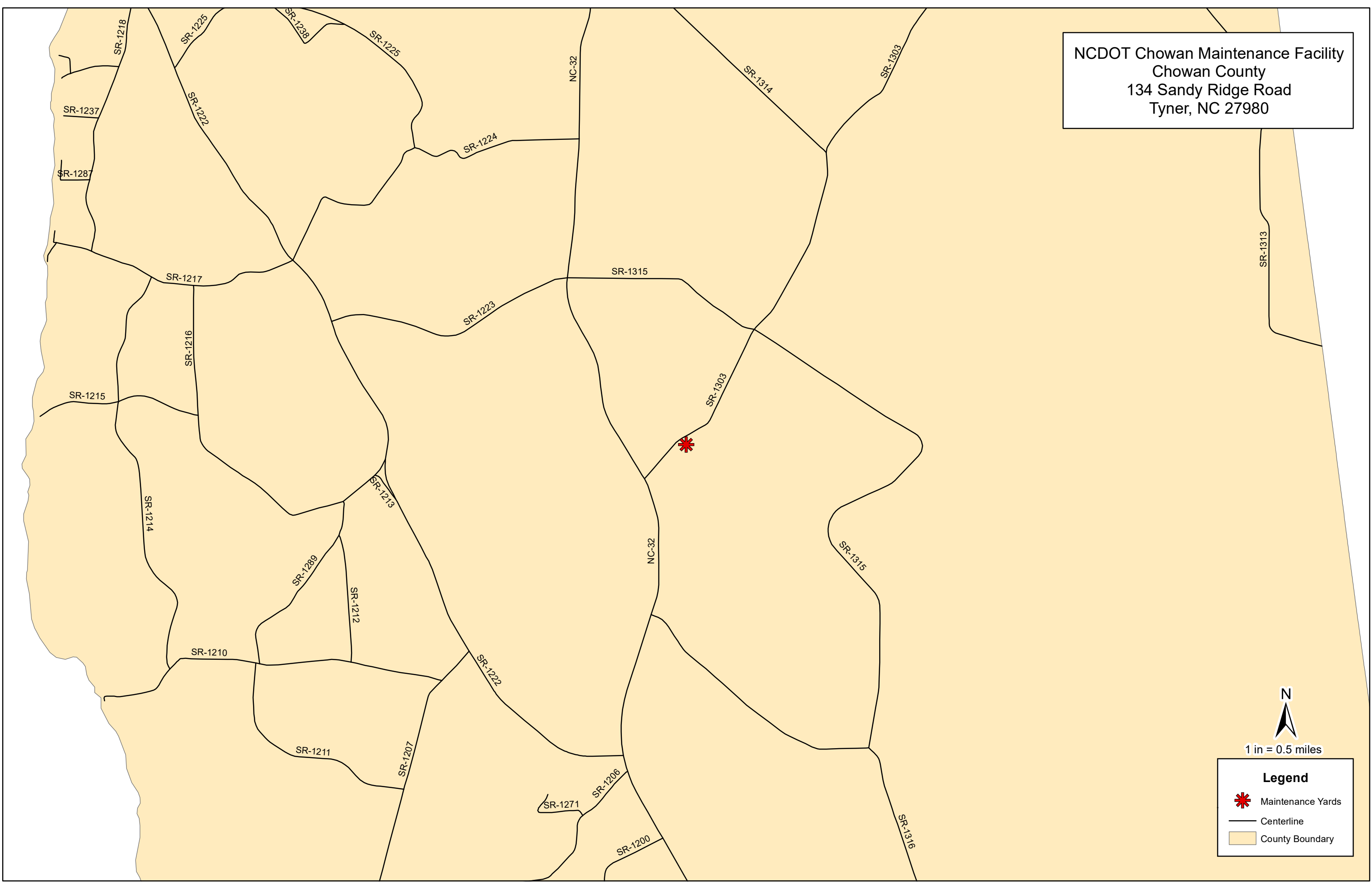
MAPS LESS THAN 2 MILES

FOR AST RESURFACING MAPS WITH CONSTRUCTION LIMITS LESS THAN 2 MILES IN LENGTH, USE A STATIONARY "LOOSE GRAVEL" SIGN AT THE BEGINNING CONSTRUCTION LIMIT FOLLOWED BY AN "UNMARKED PAVEMENT" SIGN MIDWAY THROUGH AND AN "END ROAD WORK" SIGN AT THE END CONSTRUCTION LIMIT.






ADVANCE WARNING SIGNS FOR 2-LANE ROADWAY ASPHALT SURFACE TREATMENT

NCDOT Chowan Maintenance Facility
Chowan County
134 Sandy Ridge Road
Tyner, NC 27980

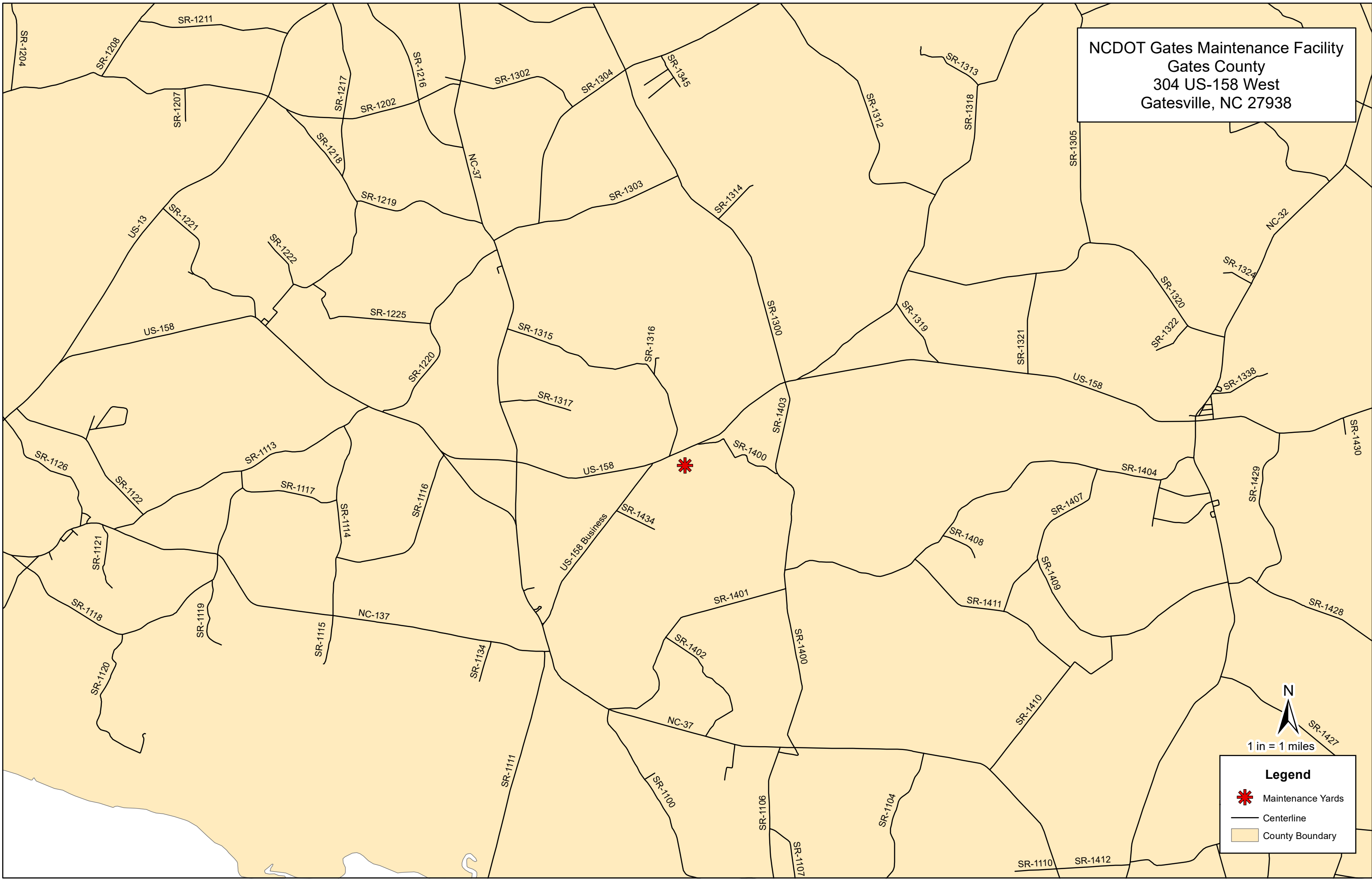


1 in = 0.5 miles

Legend




-  Maintenance Yards
-  Centerline
-  County Boundary

NCDOT Gates Maintenance Facility
Gates County
304 US-158 West
Gatesville, NC 27938

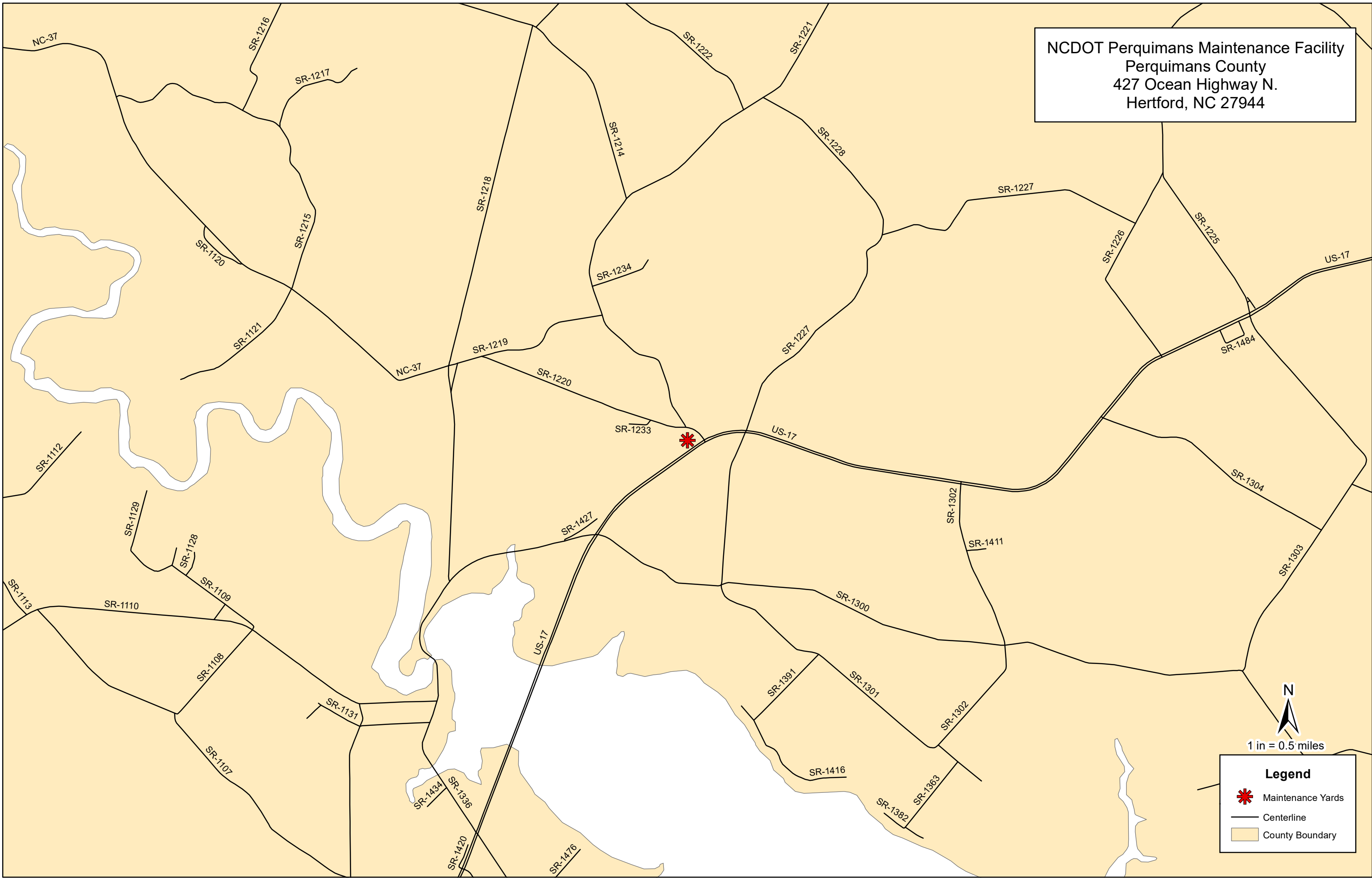


1 in = 1 miles

Legend

-  Maintenance Yards
-  Centerline
-  County Boundary

NCDOT Perquimans Maintenance Facility
Perquimans County
427 Ocean Highway N.
Hertford, NC 27944



Legend

- Maintenance Yards
- Centerline
- County Boundary